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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

5-20-2021

2021-05-20_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Cumulative Michigan COVID-19 Data. 408.

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School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

Note on deaths (05/20/21): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **61** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

18-781

782-3155

3156-11140

11141-116928

116929+

Michigan

Thursday, May 20, 2021

Michigan (Statewide) Case Fatality Rate

2.1%

Current Totals

Case Status	Cases	Deaths
Confirmed	881,057	18,815
Probable	102,913	1,198
Total	983,970	20,013

Laboratory Testing

Test Type	Tests Performed
Diagnostic	13,514,792
Serology	609,705
Total	14,124,497

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

1/2

PUBLIC USE DATASETS 05/20/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.30%	3.10%
Non-Hispanic Latino	69.68%	83.92%
Unknown	25.02%	12.97%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.78%	1.70%
Non-Arab	49.75%	53.73%
Unknown	47.47%	44.57%

Totals may not add to 100% due to rounding



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Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 05/14/2021): **755,119**

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on May 14, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to April 14, 2021. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



Have questions?
Chat with Robin

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



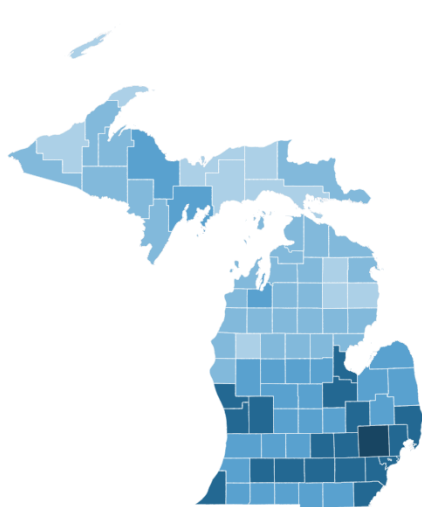
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



Michigan

Thursday, May 20, 2021

Michigan (Statewide) Case Fatality Rate

2.1%

Current Totals

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Laboratory Testing

Test Type	Tests Performed
Diagnostic	13,514,792
Serology	609,705
Total	14,124,497

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



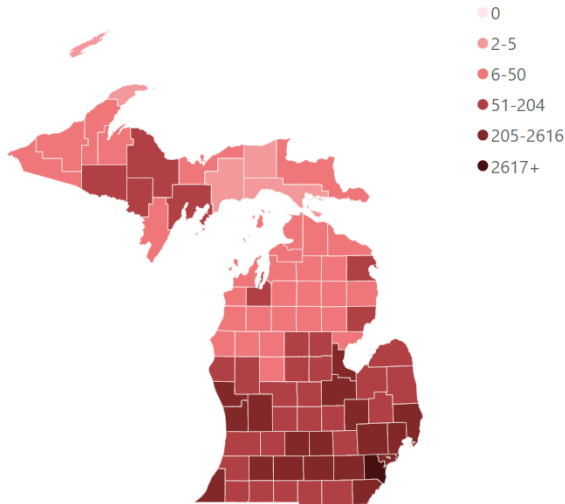
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Thursday, May 20, 2021

Michigan (Statewide) Case Fatality Rate

2.1%

Current Totals

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Laboratory Testing

Test Type	Tests Performed
Diagnostic	13,514,792
Serology	609,705
Total	14,124,497

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

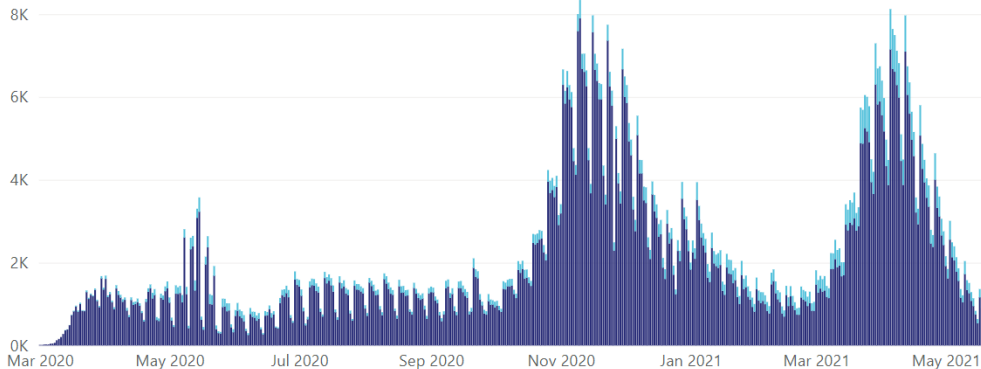
Filter by Date:

3/1/2020

5/20/2021

Cases by Date of Onset

Case Status ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

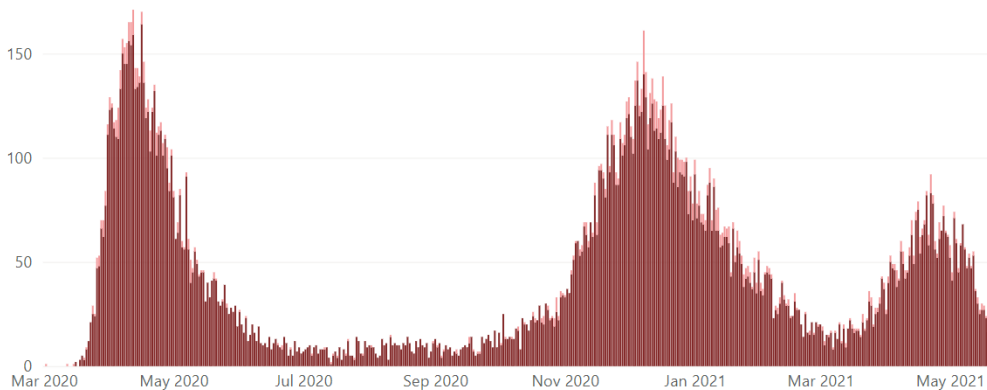
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

5/20/2021

Deaths by Date of Death

Case Status ● Confirmed ● Probable

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

5/20/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.8M

0.6M

0.4M

0.2M

0.0M

Mar 2020

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

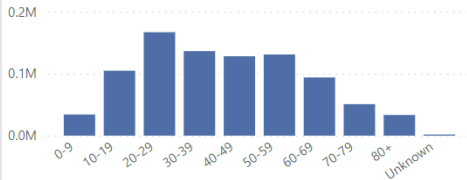
Select Preparedness Region:

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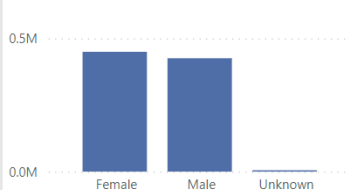
Select county:

All

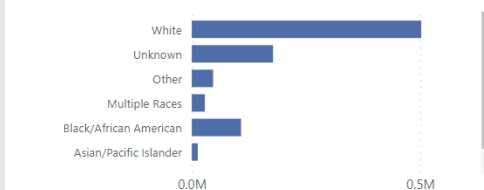
Cases by Age Group



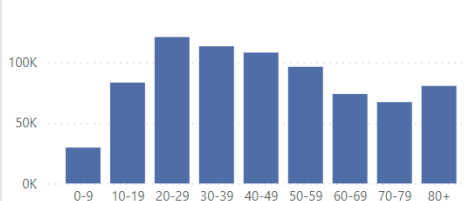
Cases by Sex



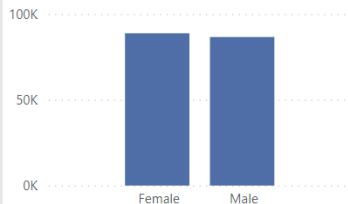
Cases by Race



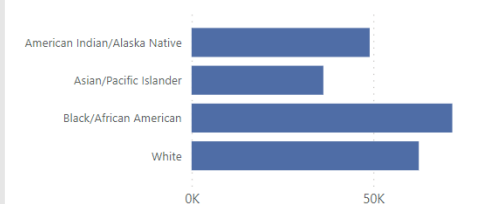
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

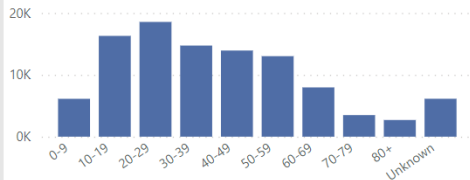
Select Preparedness Region:

All

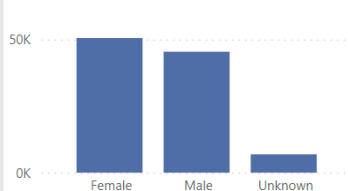
Select county:

All

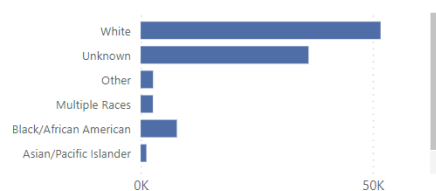
Cases by Age Group



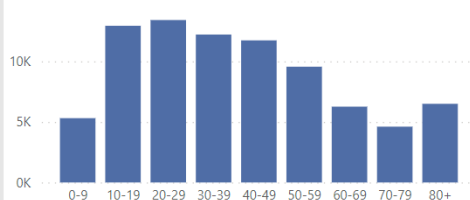
Cases by Sex



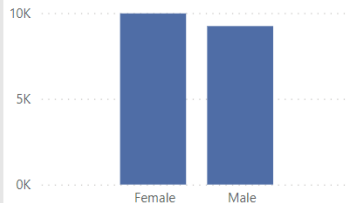
Cases by Race



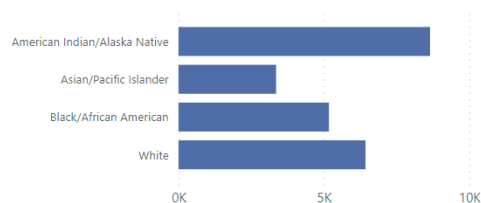
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

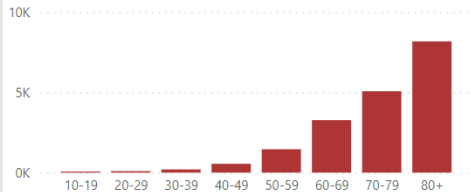
Select Preparedness Region:

All

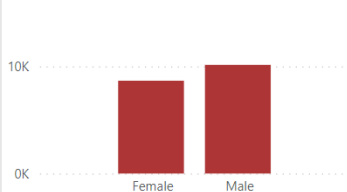
Select county:

All

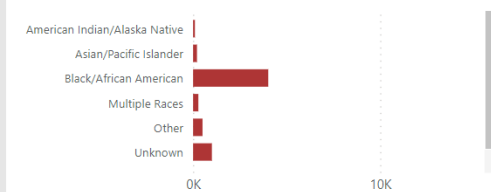
Deaths by Age Group



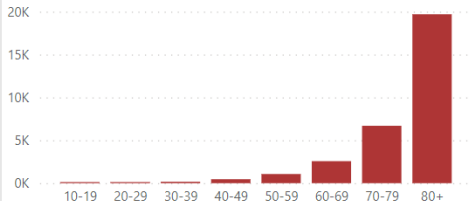
Deaths by Sex



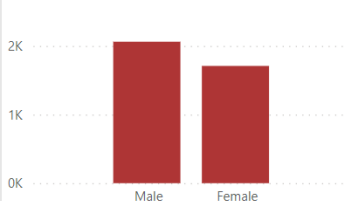
Deaths by Race



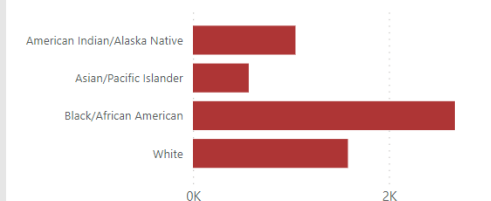
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

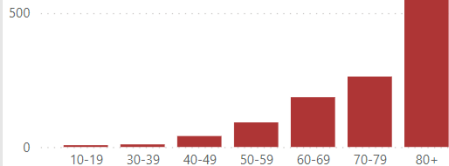
Select Preparedness Region:

All

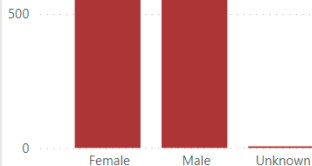
Select county:

All

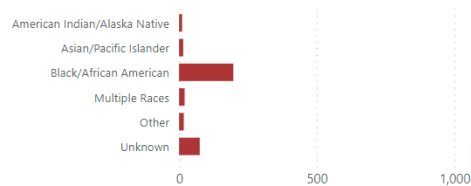
Deaths by Age Group



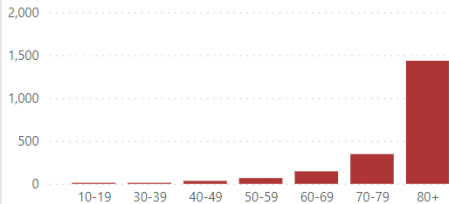
Deaths by Sex



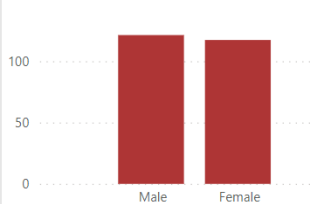
Deaths by Race



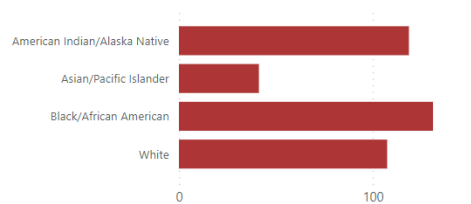
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

5/19/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

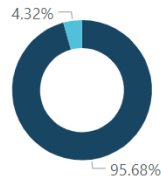
Mar 2021

May 2021

Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	13,514,792	1,352,679
Serology	609,705	61,025
Total	14,124,497	1,413,704

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

View Table

View Charts

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020

5/19/2021

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

Percent of Diagnostic Tests That Were Positive

Positivity

60%

40%

20%

0%

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-05-20

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/05/20 13:13:42	Alcona	603	24	132	5
2021/05/20 13:13:42	Alger	321	2	192	4
2021/05/20 13:13:42	Allegan	9823	118	1134	23
2021/05/20 13:13:42	Alpena	1797	60	434	1
2021/05/20 13:13:42	Antrim	1284	22	329	6
2021/05/20 13:13:42	Arenac	1078	29	115	0
2021/05/20 13:13:42	Baraga	661	37	122	0
2021/05/20 13:13:42	Barry	5290	61	571	4
2021/05/20 13:13:42	Bay	10472	329	669	14
2021/05/20 13:13:42	Benzie	1052	33	215	1
2021/05/20 13:13:42	Berrien	13720	262	1539	19
2021/05/20 13:13:42	Branch	4317	92	441	4
2021/05/20 13:13:42	Calhoun	12150	274	2105	18
2021/05/20 13:13:42	Cass	4733	71	663	5
2021/05/20 13:13:42	Charlevoix	1280	20	366	0
2021/05/20 13:13:42	Cheboygan	1584	44	330	1
2021/05/20 13:13:42	Chippewa	1070	28	1388	5
2021/05/20 13:13:42	Clare	2019	79	413	1
2021/05/20 13:13:42	Clinton	5945	80	1570	6
2021/05/20 13:13:42	Crawford	912	14	70	0
2021/05/20 13:13:42	Delta	3328	74	675	19
2021/05/20 13:13:42	Dickinson	2388	59	333	15
2021/05/20 13:13:42	Eaton	8779	196	1247	9
2021/05/20 13:13:42	Emmet	1894	40	460	1
2021/05/20 13:13:42	Genesee	33245	868	8101	64
2021/05/20 13:13:42	Gladwin	1899	53	386	3
2021/05/20 13:13:42	Gogebic	1034	22	362	28
2021/05/20 13:13:42	Grand Traverse	5576	83	809	13
2021/05/20 13:13:42	Gratiot	3183	112	836	4
2021/05/20 13:13:42	Hillsdale	3953	89	391	3
2021/05/20 13:13:42	Houghton	2509	33	606	8
2021/05/20 13:13:42	Huron	3031	70	1024	5
2021/05/20 13:13:42	Ingham	22452	368	2125	8
2021/05/20 13:13:42	Ionia	6083	76	91	3
2021/05/20 13:13:42	Iosco	1768	68	199	4
2021/05/20 13:13:42	Iron	979	42	68	9
2021/05/20 13:13:42	Isabella	5326	89	919	4
2021/05/20 13:13:42	Jackson	14530	265	1067	7
2021/05/20 13:13:42	Kalamazoo	19931	350	2852	40
2021/05/20 13:13:42	Kalkaska	1031	23	76	0
2021/05/20 13:13:42	Kent	67314	762	4547	63
2021/05/20 13:13:42	Keweenaw	143	1	32	1
2021/05/20 13:13:42	Lake	575	14	46	1
2021/05/20 13:13:42	Lapeer	7753	191	1367	2

2021/05/20 13:13:42	Leelanau	1016	18	217	0
2021/05/20 13:13:42	Lenawee	8573	155	695	5
2021/05/20 13:13:42	Livingston	14583	169	1933	13
2021/05/20 13:13:42	Luce	209	2	241	1
2021/05/20 13:13:42	Mackinac	444	3	250	0
2021/05/20 13:13:42	Macomb	90859	2267	8028	124
2021/05/20 13:13:42	Manistee	1093	19	86	3
2021/05/20 13:13:42	Marquette	4234	60	812	1
2021/05/20 13:13:42	Mason	1982	36	128	0
2021/05/20 13:13:42	Mecosta	2979	31	177	0
2021/05/20 13:13:42	Menominee	1782	40	323	2
2021/05/20 13:13:42	Midland	6739	84	708	3
2021/05/20 13:13:42	Missaukee	1244	16	242	8
2021/05/20 13:13:42	Monroe	12677	237	2521	20
2021/05/20 13:13:42	Montcalm	5338	106	571	2
2021/05/20 13:13:42	Montmorency	511	19	90	1
2021/05/20 13:13:42	Muskegon	15295	340	535	8
2021/05/20 13:13:42	Newaygo	4451	62	329	2
2021/05/20 13:13:42	Oakland	100806	2192	16124	132
2021/05/20 13:13:42	Oceana	2591	58	132	2
2021/05/20 13:13:42	Ogemaw	1434	39	269	1
2021/05/20 13:13:42	Ontonagon	409	20	58	1
2021/05/20 13:13:42	Osceola	1661	28	261	0
2021/05/20 13:13:42	Oscoda	547	27	103	2
2021/05/20 13:13:42	Otsego	1908	35	406	5
2021/05/20 13:13:42	Ottawa	29989	368	2405	45
2021/05/20 13:13:42	Presque Isle	885	32	158	1
2021/05/20 13:13:42	Roscommon	1600	46	272	2
2021/05/20 13:13:42	Saginaw	19663	574	1332	19
2021/05/20 13:13:42	Sanilac	3700	106	517	7
2021/05/20 13:13:42	Schoolcraft	338	4	78	1
2021/05/20 13:13:42	Shiawassee	5647	101	677	2
2021/05/20 13:13:42	St Clair	15214	409	2964	21
2021/05/20 13:13:42	St Joseph	5404	91	733	6
2021/05/20 13:13:42	Tuscola	4844	160	773	11
2021/05/20 13:13:42	Van Buren	6555	111	455	13
2021/05/20 13:13:42	Washtenaw	23859	283	2371	6
2021/05/20 13:13:42	Wayne	100305	2467	8272	151
2021/05/20 13:13:42	Wexford	2522	43	343	4
2021/05/20 13:13:42	MDOC	25992	147	845	3
2021/05/20 13:13:42	FCI	310	5	5	0
2021/05/20 13:13:42	Out-of-State	1777	14	128	2
2021/05/20 13:13:42	Unknown			19	0
2021/05/20 13:13:42	Detroit City	50273	2164	3910	137

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-05-20

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	138	0
Confirmed	10-19	American Indian/Alaska Native	Female	330	0
Confirmed	20-29	American Indian/Alaska Native	Female	495	0
Confirmed	30-39	American Indian/Alaska Native	Female	377	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	350	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Female	331	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	211	10
Confirmed	70-79	American Indian/Alaska Native	Female	102	10
Confirmed	80+	American Indian/Alaska Native	Female	43	10
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	262	0
Confirmed	10-19	Asian/Pacific Islander	Female	801	0
Confirmed	20-29	Asian/Pacific Islander	Female	1444	0
Confirmed	30-39	Asian/Pacific Islander	Female	1254	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	1086	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	883	7
Confirmed	60-69	Asian/Pacific Islander	Female	467	10
Confirmed	70-79	Asian/Pacific Islander	Female	238	27
Confirmed	80+	Asian/Pacific Islander	Female	142	36
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	2441	Suppressed
Confirmed	10-19	Black/African American	Female	5421	Suppressed
Confirmed	20-29	Black/African American	Female	11323	18
Confirmed	30-39	Black/African American	Female	10010	27
Confirmed	40-49	Black/African American	Female	8136	82
Confirmed	50-59	Black/African American	Female	6914	191
Confirmed	60-69	Black/African American	Female	5456	402
Confirmed	70-79	Black/African American	Female	3039	513
Confirmed	80+	Black/African American	Female	1955	648
Confirmed	Unknown	Black/African American	Female	19	0
Confirmed	0-9	Multiple Races	Female	755	0
Confirmed	10-19	Multiple Races	Female	2234	Suppressed
Confirmed	20-29	Multiple Races	Female	2928	0
Confirmed	30-39	Multiple Races	Female	2122	0
Confirmed	40-49	Multiple Races	Female	2135	Suppressed
Confirmed	50-59	Multiple Races	Female	2164	11
Confirmed	60-69	Multiple Races	Female	1558	17
Confirmed	70-79	Multiple Races	Female	844	31
Confirmed	80+	Multiple Races	Female	537	66
Confirmed	Unknown	Multiple Races	Female	12	0
Confirmed	0-9	Other	Female	1290	Suppressed
Confirmed	10-19	Other	Female	3168	Suppressed
Confirmed	20-29	Other	Female	4999	0
Confirmed	30-39	Other	Female	3870	Suppressed
Confirmed	40-49	Other	Female	3577	7
Confirmed	50-59	Other	Female	2791	21
Confirmed	60-69	Other	Female	1700	47

Confirmed	70-79	Other	Female	815	46
Confirmed	80+	Other	Female	553	87
Confirmed	Unknown	Other	Female	10	0
Confirmed	0-9	Unknown	Female	2666	0
Confirmed	10-19	Unknown	Female	9734	0
Confirmed	20-29	Unknown	Female	17669	Suppressed
Confirmed	30-39	Unknown	Female	14374	Suppressed
Confirmed	40-49	Unknown	Female	14369	16
Confirmed	50-59	Unknown	Female	14672	26
Confirmed	60-69	Unknown	Female	8533	73
Confirmed	70-79	Unknown	Female	3764	107
Confirmed	80+	Unknown	Female	2621	262
Confirmed	Unknown	Unknown	Female	118	0
Confirmed	0-9	White	Female	8851	0
Confirmed	10-19	White	Female	31931	Suppressed
Confirmed	20-29	White	Female	47711	20
Confirmed	30-39	White	Female	37513	36
Confirmed	40-49	White	Female	35799	89
Confirmed	50-59	White	Female	37609	291
Confirmed	60-69	White	Female	28708	707
Confirmed	70-79	White	Female	17210	1349
Confirmed	80+	White	Female	14361	3330
Confirmed	Unknown	White	Female	110	0
Confirmed	0-9	American Indian/Alaska Native	Male	133	0
Confirmed	10-19	American Indian/Alaska Native	Male	341	0
Confirmed	20-29	American Indian/Alaska Native	Male	400	0
Confirmed	30-39	American Indian/Alaska Native	Male	343	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	329	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	263	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	212	30
Confirmed	70-79	American Indian/Alaska Native	Male	93	14
Confirmed	80+	American Indian/Alaska Native	Male	36	9
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	326	0
Confirmed	10-19	Asian/Pacific Islander	Male	813	0
Confirmed	20-29	Asian/Pacific Islander	Male	1652	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1225	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	931	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	830	6
Confirmed	60-69	Asian/Pacific Islander	Male	483	31
Confirmed	70-79	Asian/Pacific Islander	Male	211	44
Confirmed	80+	Asian/Pacific Islander	Male	104	34
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	2495	0
Confirmed	10-19	Black/African American	Male	4817	Suppressed
Confirmed	20-29	Black/African American	Male	10264	20
Confirmed	30-39	Black/African American	Male	9782	48
Confirmed	40-49	Black/African American	Male	8377	125
Confirmed	50-59	Black/African American	Male	7584	304
Confirmed	60-69	Black/African American	Male	5422	542

Confirmed	70-79	Black/African American	Male	2720	643
Confirmed	80+	Black/African American	Male	1116	448
Confirmed	Unknown	Black/African American	Male	7	0
Confirmed	0-9	Multiple Races	Male	797	Suppressed
Confirmed	10-19	Multiple Races	Male	2189	0
Confirmed	20-29	Multiple Races	Male	2489	0
Confirmed	30-39	Multiple Races	Male	1758	Suppressed
Confirmed	40-49	Multiple Races	Male	1708	6
Confirmed	50-59	Multiple Races	Male	1719	9
Confirmed	60-69	Multiple Races	Male	1465	40
Confirmed	70-79	Multiple Races	Male	782	41
Confirmed	80+	Multiple Races	Male	329	52
Confirmed	Unknown	Multiple Races	Male	7	0
Confirmed	0-9	Other	Male	1341	0
Confirmed	10-19	Other	Male	3215	0
Confirmed	20-29	Other	Male	5142	Suppressed
Confirmed	30-39	Other	Male	4043	Suppressed
Confirmed	40-49	Other	Male	3834	24
Confirmed	50-59	Other	Male	3174	35
Confirmed	60-69	Other	Male	1814	82
Confirmed	70-79	Other	Male	771	75
Confirmed	80+	Other	Male	329	69
Confirmed	Unknown	Other	Male	7	0
Confirmed	0-9	Unknown	Male	2814	0
Confirmed	10-19	Unknown	Male	9183	0
Confirmed	20-29	Unknown	Male	18151	Suppressed
Confirmed	30-39	Unknown	Male	14933	13
Confirmed	40-49	Unknown	Male	13751	29
Confirmed	50-59	Unknown	Male	14560	51
Confirmed	60-69	Unknown	Male	8347	97
Confirmed	70-79	Unknown	Male	3152	149
Confirmed	80+	Unknown	Male	1460	171
Confirmed	Unknown	Unknown	Male	140	0
Confirmed	0-9	White	Male	9665	0
Confirmed	10-19	White	Male	30118	Suppressed
Confirmed	20-29	White	Male	41381	26
Confirmed	30-39	White	Male	34133	54
Confirmed	40-49	White	Male	33038	157
Confirmed	50-59	White	Male	36910	493
Confirmed	60-69	White	Male	29202	1179
Confirmed	70-79	White	Male	16932	2019
Confirmed	80+	White	Male	9726	2950
Confirmed	Unknown	White	Male	86	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	7	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	22	0
Confirmed	20-29	Black/African American	Unknown	123	0
Confirmed	30-39	Black/African American	Unknown	111	0
Confirmed	40-49	Black/African American	Unknown	117	0
Confirmed	50-59	Black/African American	Unknown	93	0
Confirmed	60-69	Black/African American	Unknown	40	0
Confirmed	70-79	Black/African American	Unknown	11	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	7	0
Confirmed	10-19	Multiple Races	Unknown	15	0
Confirmed	20-29	Multiple Races	Unknown	23	0
Confirmed	30-39	Multiple Races	Unknown	15	0
Confirmed	40-49	Multiple Races	Unknown	18	0
Confirmed	50-59	Multiple Races	Unknown	12	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	19	0
Confirmed	10-19	Other	Unknown	22	0
Confirmed	20-29	Other	Unknown	49	0
Confirmed	30-39	Other	Unknown	41	0
Confirmed	40-49	Other	Unknown	63	0
Confirmed	50-59	Other	Unknown	34	0
Confirmed	60-69	Other	Unknown	18	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	10	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	124	0
Confirmed	10-19	Unknown	Unknown	356	0
Confirmed	20-29	Unknown	Unknown	637	0
Confirmed	30-39	Unknown	Unknown	442	0
Confirmed	40-49	Unknown	Unknown	442	0
Confirmed	50-59	Unknown	Unknown	407	0
Confirmed	60-69	Unknown	Unknown	211	0

Confirmed	70-79	Unknown	Unknown	93	0
Confirmed	80+	Unknown	Unknown	63	0
Confirmed	Unknown	Unknown	Unknown	64	0
Confirmed	0-9	White	Unknown	29	0
Confirmed	10-19	White	Unknown	162	0
Confirmed	20-29	White	Unknown	257	0
Confirmed	30-39	White	Unknown	227	0
Confirmed	40-49	White	Unknown	211	0
Confirmed	50-59	White	Unknown	202	0
Confirmed	60-69	White	Unknown	134	0
Confirmed	70-79	White	Unknown	61	0
Confirmed	80+	White	Unknown	22	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	39	0
Probable	10-19	American Indian/Alaska Native	Female	74	0
Probable	20-29	American Indian/Alaska Native	Female	81	0
Probable	30-39	American Indian/Alaska Native	Female	67	0
Probable	40-49	American Indian/Alaska Native	Female	64	0
Probable	50-59	American Indian/Alaska Native	Female	36	0
Probable	60-69	American Indian/Alaska Native	Female	32	0
Probable	70-79	American Indian/Alaska Native	Female	10	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	37	0
Probable	10-19	Asian/Pacific Islander	Female	87	0
Probable	20-29	Asian/Pacific Islander	Female	146	0
Probable	30-39	Asian/Pacific Islander	Female	111	0
Probable	40-49	Asian/Pacific Islander	Female	85	0
Probable	50-59	Asian/Pacific Islander	Female	78	0
Probable	60-69	Asian/Pacific Islander	Female	39	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	15	Suppressed
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	6	0
Probable	0-9	Black/African American	Female	216	0
Probable	10-19	Black/African American	Female	523	0
Probable	20-29	Black/African American	Female	952	0
Probable	30-39	Black/African American	Female	794	0
Probable	40-49	Black/African American	Female	647	Suppressed
Probable	50-59	Black/African American	Female	505	12
Probable	60-69	Black/African American	Female	326	20
Probable	70-79	Black/African American	Female	120	17
Probable	80+	Black/African American	Female	80	35
Probable	Unknown	Black/African American	Female	33	Suppressed
Probable	0-9	Multiple Races	Female	134	0
Probable	10-19	Multiple Races	Female	288	0
Probable	20-29	Multiple Races	Female	242	0
Probable	30-39	Multiple Races	Female	155	0
Probable	40-49	Multiple Races	Female	155	0
Probable	50-59	Multiple Races	Female	154	Suppressed
Probable	60-69	Multiple Races	Female	101	Suppressed

Probable	70-79	Multiple Races	Female	42	0
Probable	80+	Multiple Races	Female	30	7
Probable	Unknown	Multiple Races	Female	53	0
Probable	0-9	Other	Female	88	0
Probable	10-19	Other	Female	217	Suppressed
Probable	20-29	Other	Female	291	0
Probable	30-39	Other	Female	222	0
Probable	40-49	Other	Female	187	0
Probable	50-59	Other	Female	139	Suppressed
Probable	60-69	Other	Female	74	Suppressed
Probable	70-79	Other	Female	29	0
Probable	80+	Other	Female	13	Suppressed
Probable	Unknown	Other	Female	18	0
Probable	0-9	Unknown	Female	726	0
Probable	10-19	Unknown	Female	2137	0
Probable	20-29	Unknown	Female	2847	0
Probable	30-39	Unknown	Female	2150	0
Probable	40-49	Unknown	Female	2152	0
Probable	50-59	Unknown	Female	1971	Suppressed
Probable	60-69	Unknown	Female	1267	6
Probable	70-79	Unknown	Female	469	Suppressed
Probable	80+	Unknown	Female	292	24
Probable	Unknown	Unknown	Female	1586	0
Probable	0-9	White	Female	1586	0
Probable	10-19	White	Female	4483	Suppressed
Probable	20-29	White	Female	4804	0
Probable	30-39	White	Female	3888	Suppressed
Probable	40-49	White	Female	3774	8
Probable	50-59	White	Female	3566	24
Probable	60-69	White	Female	2239	41
Probable	70-79	White	Female	1135	80
Probable	80+	White	Female	1280	290
Probable	Unknown	White	Female	388	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	38	0
Probable	10-19	American Indian/Alaska Native	Male	97	0
Probable	20-29	American Indian/Alaska Native	Male	71	0
Probable	30-39	American Indian/Alaska Native	Male	57	0
Probable	40-49	American Indian/Alaska Native	Male	45	0
Probable	50-59	American Indian/Alaska Native	Male	43	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	23	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	7	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	50	0
Probable	10-19	Asian/Pacific Islander	Male	91	0
Probable	20-29	Asian/Pacific Islander	Male	153	0
Probable	30-39	Asian/Pacific Islander	Male	124	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	78	0
Probable	50-59	Asian/Pacific Islander	Male	58	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	26	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	8	Suppressed
Probable	80+	Asian/Pacific Islander	Male	7	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	249	0
Probable	10-19	Black/African American	Male	505	Suppressed
Probable	20-29	Black/African American	Male	733	0
Probable	30-39	Black/African American	Male	652	Suppressed
Probable	40-49	Black/African American	Male	508	9
Probable	50-59	Black/African American	Male	457	14
Probable	60-69	Black/African American	Male	262	27
Probable	70-79	Black/African American	Male	100	33
Probable	80+	Black/African American	Male	42	22
Probable	Unknown	Black/African American	Male	22	0
Probable	0-9	Multiple Races	Male	125	0
Probable	10-19	Multiple Races	Male	276	0
Probable	20-29	Multiple Races	Male	179	0
Probable	30-39	Multiple Races	Male	138	0
Probable	40-49	Multiple Races	Male	143	Suppressed
Probable	50-59	Multiple Races	Male	115	0
Probable	60-69	Multiple Races	Male	85	Suppressed
Probable	70-79	Multiple Races	Male	39	Suppressed
Probable	80+	Multiple Races	Male	18	7
Probable	Unknown	Multiple Races	Male	53	0
Probable	0-9	Other	Male	101	0
Probable	10-19	Other	Male	240	0
Probable	20-29	Other	Male	289	0
Probable	30-39	Other	Male	235	0
Probable	40-49	Other	Male	205	Suppressed
Probable	50-59	Other	Male	129	Suppressed
Probable	60-69	Other	Male	84	Suppressed
Probable	70-79	Other	Male	29	Suppressed
Probable	80+	Other	Male	8	Suppressed
Probable	Unknown	Other	Male	17	0
Probable	0-9	Unknown	Male	722	0
Probable	10-19	Unknown	Male	2116	0
Probable	20-29	Unknown	Male	2711	0
Probable	30-39	Unknown	Male	2123	Suppressed
Probable	40-49	Unknown	Male	1930	Suppressed
Probable	50-59	Unknown	Male	1904	Suppressed
Probable	60-69	Unknown	Male	1044	Suppressed
Probable	70-79	Unknown	Male	365	8
Probable	80+	Unknown	Male	177	16
Probable	Unknown	Unknown	Male	1358	0
Probable	0-9	White	Male	1706	Suppressed
Probable	10-19	White	Male	4422	Suppressed
Probable	20-29	White	Male	4135	Suppressed
Probable	30-39	White	Male	3279	Suppressed
Probable	40-49	White	Male	3170	12
Probable	50-59	White	Male	3230	31
Probable	60-69	White	Male	2033	71

Probable	70-79	White	Male	978	110
Probable	80+	White	Male	681	182
Probable	Unknown	White	Male	338	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	7	0
Probable	10-19	Black/African American	Unknown	8	0
Probable	20-29	Black/African American	Unknown	9	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	7	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	9	0
Probable	10-19	Multiple Races	Unknown	22	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	17	0
Probable	40-49	Multiple Races	Unknown	14	0
Probable	50-59	Multiple Races	Unknown	10	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	11	0
Probable	0-9	Other	Unknown	8	0
Probable	10-19	Other	Unknown	14	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	8	0
Probable	40-49	Other	Unknown	6	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	232	0
Probable	10-19	Unknown	Unknown	574	Suppressed
Probable	20-29	Unknown	Unknown	808	0
Probable	30-39	Unknown	Unknown	638	0
Probable	40-49	Unknown	Unknown	680	Suppressed
Probable	50-59	Unknown	Unknown	535	Suppressed
Probable	60-69	Unknown	Unknown	293	0
Probable	70-79	Unknown	Unknown	115	Suppressed
Probable	80+	Unknown	Unknown	43	Suppressed
Probable	Unknown	Unknown	Unknown	2186	0
Probable	0-9	White	Unknown	47	0
Probable	10-19	White	Unknown	118	0
Probable	20-29	White	Unknown	71	0
Probable	30-39	White	Unknown	65	0
Probable	40-49	White	Unknown	72	0
Probable	50-59	White	Unknown	70	0
Probable	60-69	White	Unknown	31	Suppressed
Probable	70-79	White	Unknown	27	0
Probable	80+	White	Unknown	9	0
Probable	Unknown	White	Unknown	49	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-05-20

Updated	COUNTY	TestType	Count	RatePerMillion
2021/05/20 13:13:58	Alcona	Serology	179	17203
2021/05/20 13:13:58	Alcona	Diagnostic	7440	715041
2021/05/20 13:13:58	Alcona	Total	7619	732244
2021/05/20 13:13:58	Alger	Diagnostic	8648	949495
2021/05/20 13:13:58	Alger	Serology	384	42161
2021/05/20 13:13:58	Alger	Total	9032	991656
2021/05/20 13:13:58	Allegan	Serology	3033	25686
2021/05/20 13:13:58	Allegan	Diagnostic	119463	1011704
2021/05/20 13:13:58	Allegan	Total	122496	1037390
2021/05/20 13:13:58	Alpena	Diagnostic	21789	767083
2021/05/20 13:13:58	Alpena	Serology	764	26897
2021/05/20 13:13:58	Alpena	Total	22553	793980
2021/05/20 13:13:58	Antrim	Diagnostic	22328	957297
2021/05/20 13:13:58	Antrim	Serology	822	35243
2021/05/20 13:13:58	Antrim	Total	23150	992540
2021/05/20 13:13:58	Arenac	Diagnostic	16773	1126991
2021/05/20 13:13:58	Arenac	Serology	498	33461
2021/05/20 13:13:58	Arenac	Total	17271	1160452
2021/05/20 13:13:58	Baraga	Diagnostic	8655	1054331
2021/05/20 13:13:58	Baraga	Serology	60	7309
2021/05/20 13:13:58	Baraga	Total	8715	1061640
2021/05/20 13:13:58	Barry	Serology	1960	31844
2021/05/20 13:13:58	Barry	Diagnostic	60167	977530
2021/05/20 13:13:58	Barry	Total	62127	1009374
2021/05/20 13:13:58	Bay	Diagnostic	128452	1245583
2021/05/20 13:13:58	Bay	Serology	7281	70603
2021/05/20 13:13:58	Bay	Total	135733	1316186
2021/05/20 13:13:58	Benzie	Diagnostic	12834	722391
2021/05/20 13:13:58	Benzie	Serology	771	43398
2021/05/20 13:13:58	Benzie	Total	13605	765789
2021/05/20 13:13:58	Berrien	Serology	6116	39869
2021/05/20 13:13:58	Berrien	Diagnostic	238768	1556496
2021/05/20 13:13:58	Berrien	Total	244884	1596365
2021/05/20 13:13:58	Branch	Diagnostic	42606	979066
2021/05/20 13:13:58	Branch	Serology	600	13788
2021/05/20 13:13:58	Branch	Total	43206	992853
2021/05/20 13:13:58	Calhoun	Diagnostic	200843	1497052
2021/05/20 13:13:58	Calhoun	Serology	1834	13670
2021/05/20 13:13:58	Calhoun	Total	202677	1510722
2021/05/20 13:13:58	Cass	Diagnostic	40310	778381
2021/05/20 13:13:58	Cass	Serology	775	14965
2021/05/20 13:13:58	Cass	Total	41085	793346
2021/05/20 13:13:58	Charlevoix	Diagnostic	23216	888039
2021/05/20 13:13:58	Charlevoix	Serology	1126	43071
2021/05/20 13:13:58	Charlevoix	Total	24342	931110
2021/05/20 13:13:58	Cheboygan	Diagnostic	16780	663871
2021/05/20 13:13:58	Cheboygan	Serology	626	24767

2021/05/20 13:13:58	Cheboygan	Total	17406	688637
2021/05/20 13:13:58	Chippewa	Diagnostic	27528	737048
2021/05/20 13:13:58	Chippewa	Serology	345	9237
2021/05/20 13:13:58	Chippewa	Total	27873	746285
2021/05/20 13:13:58	Clare	Diagnostic	23740	767044
2021/05/20 13:13:58	Clare	Serology	1053	34023
2021/05/20 13:13:58	Clare	Total	24793	801066
2021/05/20 13:13:58	Clinton	Serology	4242	53295
2021/05/20 13:13:58	Clinton	Diagnostic	59438	746755
2021/05/20 13:13:58	Clinton	Total	63680	800050
2021/05/20 13:13:58	Correctional	Diagnostic	930971	
2021/05/20 13:13:58	Correctional	Serology	26771	
2021/05/20 13:13:58	Correctional	Total	957742	
2021/05/20 13:13:58	Crawford	Diagnostic	10814	770832
2021/05/20 13:13:58	Crawford	Serology	365	26018
2021/05/20 13:13:58	Crawford	Total	11179	796849
2021/05/20 13:13:58	Delta	Diagnostic	41977	1173066
2021/05/20 13:13:58	Delta	Serology	876	24480
2021/05/20 13:13:58	Delta	Total	42853	1197546
2021/05/20 13:13:58	Detroit City	Serology	27836	42838
2021/05/20 13:13:58	Detroit City	Diagnostic	818636	1259820
2021/05/20 13:13:58	Detroit City	Total	846472	1302657
2021/05/20 13:13:58	Dickinson	Diagnostic	19515	773208
2021/05/20 13:13:58	Dickinson	Serology	179	7092
2021/05/20 13:13:58	Dickinson	Total	19694	780300
2021/05/20 13:13:58	Eaton	Diagnostic	129123	1170992
2021/05/20 13:13:58	Eaton	Serology	6342	57514
2021/05/20 13:13:58	Eaton	Total	135465	1228507
2021/05/20 13:13:58	Emmet	Diagnostic	30801	921772
2021/05/20 13:13:58	Emmet	Serology	1568	46925
2021/05/20 13:13:58	Emmet	Total	32369	968697
2021/05/20 13:13:58	Genesee	Serology	20556	50654
2021/05/20 13:13:58	Genesee	Diagnostic	402423	991646
2021/05/20 13:13:58	Genesee	Total	422979	1042300
2021/05/20 13:13:58	Gladwin	Serology	1207	47428
2021/05/20 13:13:58	Gladwin	Diagnostic	20616	810091
2021/05/20 13:13:58	Gladwin	Total	21823	857519
2021/05/20 13:13:58	Gogebic	Serology	258	18462
2021/05/20 13:13:58	Gogebic	Diagnostic	18501	1323864
2021/05/20 13:13:58	Gogebic	Total	18759	1342326
2021/05/20 13:13:58	Grand Traverse	Diagnostic	88515	950874
2021/05/20 13:13:58	Grand Traverse	Serology	6830	73371
2021/05/20 13:13:58	Grand Traverse	Total	95345	1024246
2021/05/20 13:13:58	Gratiot	Diagnostic	57915	1422588
2021/05/20 13:13:58	Gratiot	Serology	1163	28567
2021/05/20 13:13:58	Gratiot	Total	59078	1451156
2021/05/20 13:13:58	Hillsdale	Diagnostic	45948	1007521
2021/05/20 13:13:58	Hillsdale	Serology	1060	23243
2021/05/20 13:13:58	Hillsdale	Total	47008	1030764
2021/05/20 13:13:58	Houghton	Diagnostic	47782	1339031

2021/05/20 13:13:58	Houghton	Serology	265	7426
2021/05/20 13:13:58	Houghton	Total	48047	1346458
2021/05/20 13:13:58	Huron	Diagnostic	30354	979762
2021/05/20 13:13:58	Huron	Serology	861	27791
2021/05/20 13:13:58	Huron	Total	31215	1007553
2021/05/20 13:13:58	Ingham	Serology	20295	69407
2021/05/20 13:13:58	Ingham	Diagnostic	347967	1190013
2021/05/20 13:13:58	Ingham	Total	368262	1259420
2021/05/20 13:13:58	Ionia	Diagnostic	79346	1226425
2021/05/20 13:13:58	Ionia	Serology	2357	36431
2021/05/20 13:13:58	Ionia	Total	81703	1262856
2021/05/20 13:13:58	Iosco	Diagnostic	26794	1066343
2021/05/20 13:13:58	Iosco	Serology	635	25272
2021/05/20 13:13:58	Iosco	Total	27429	1091615
2021/05/20 13:13:58	Iron	Serology	131	11838
2021/05/20 13:13:58	Iron	Diagnostic	25040	2262787
2021/05/20 13:13:58	Iron	Total	25171	2274625
2021/05/20 13:13:58	Isabella	Serology	1479	21167
2021/05/20 13:13:58	Isabella	Diagnostic	60172	861175
2021/05/20 13:13:58	Isabella	Total	61651	882342
2021/05/20 13:13:58	Jackson	Diagnostic	227305	1434010
2021/05/20 13:13:58	Jackson	Serology	3944	24882
2021/05/20 13:13:58	Jackson	Total	231249	1458892
2021/05/20 13:13:58	Kalamazoo	Serology	7175	27069
2021/05/20 13:13:58	Kalamazoo	Diagnostic	309350	1167068
2021/05/20 13:13:58	Kalamazoo	Total	316525	1194137
2021/05/20 13:13:58	Kalkaska	Diagnostic	17355	962135
2021/05/20 13:13:58	Kalkaska	Serology	827	45848
2021/05/20 13:13:58	Kalkaska	Total	18182	1007983
2021/05/20 13:13:58	Kent	Diagnostic	921475	1402646
2021/05/20 13:13:58	Kent	Serology	47113	71714
2021/05/20 13:13:58	Kent	Total	968588	1474360
2021/05/20 13:13:58	Keweenaw	Diagnostic	2276	1075614
2021/05/20 13:13:58	Keweenaw	Serology	32	15123
2021/05/20 13:13:58	Keweenaw	Total	2308	1090737
2021/05/20 13:13:58	Lake	Diagnostic	11493	969628
2021/05/20 13:13:58	Lake	Serology	224	18898
2021/05/20 13:13:58	Lake	Total	11717	988526
2021/05/20 13:13:58	Lapeer	Diagnostic	70183	801112
2021/05/20 13:13:58	Lapeer	Serology	3660	41777
2021/05/20 13:13:58	Lapeer	Total	73843	842889
2021/05/20 13:13:58	Leelanau	Diagnostic	12672	582326
2021/05/20 13:13:58	Leelanau	Serology	1108	50917
2021/05/20 13:13:58	Leelanau	Total	13780	633243
2021/05/20 13:13:58	Lenawee	Diagnostic	130242	1322912
2021/05/20 13:13:58	Lenawee	Serology	2281	23169
2021/05/20 13:13:58	Lenawee	Total	132523	1346081
2021/05/20 13:13:58	Livingston	Diagnostic	210531	1096544
2021/05/20 13:13:58	Livingston	Serology	8293	43194
2021/05/20 13:13:58	Livingston	Total	218824	1139738

2021/05/20 13:13:58	Luce	Diagnostic	6480	1040295
2021/05/20 13:13:58	Luce	Serology	37	5940
2021/05/20 13:13:58	Luce	Total	6517	1046235
2021/05/20 13:13:58	Mackinac	Diagnostic	9253	856839
2021/05/20 13:13:58	Mackinac	Serology	143	13242
2021/05/20 13:13:58	Mackinac	Total	9396	870081
2021/05/20 13:13:58	Macomb	Serology	63617	72791
2021/05/20 13:13:58	Macomb	Diagnostic	929487	1063520
2021/05/20 13:13:58	Macomb	Total	993104	1136311
2021/05/20 13:13:58	Manistee	Diagnostic	19705	802386
2021/05/20 13:13:58	Manistee	Serology	964	39254
2021/05/20 13:13:58	Manistee	Total	20669	841640
2021/05/20 13:13:58	Marquette	Diagnostic	131934	1978051
2021/05/20 13:13:58	Marquette	Serology	1368	20510
2021/05/20 13:13:58	Marquette	Total	133302	1998561
2021/05/20 13:13:58	Mason	Serology	1050	36028
2021/05/20 13:13:58	Mason	Diagnostic	34157	1172008
2021/05/20 13:13:58	Mason	Total	35207	1208036
2021/05/20 13:13:58	Mecosta	Diagnostic	40678	936138
2021/05/20 13:13:58	Mecosta	Serology	1026	23612
2021/05/20 13:13:58	Mecosta	Total	41704	959750
2021/05/20 13:13:58	Menominee	Diagnostic	25297	1110492
2021/05/20 13:13:58	Menominee	Serology	155	6804
2021/05/20 13:13:58	Menominee	Total	25452	1117296
2021/05/20 13:13:58	Midland	Diagnostic	67872	816201
2021/05/20 13:13:58	Midland	Serology	7609	91503
2021/05/20 13:13:58	Midland	Total	75481	907704
2021/05/20 13:13:58	Missaukee	Diagnostic	11036	729991
2021/05/20 13:13:58	Missaukee	Serology	665	43987
2021/05/20 13:13:58	Missaukee	Total	11701	773978
2021/05/20 13:13:58	Monroe	Diagnostic	160577	1066957
2021/05/20 13:13:58	Monroe	Serology	6119	40658
2021/05/20 13:13:58	Monroe	Total	166696	1107615
2021/05/20 13:13:58	Montcalm	Diagnostic	79631	1246416
2021/05/20 13:13:58	Montcalm	Serology	2457	38458
2021/05/20 13:13:58	Montcalm	Total	82088	1284874
2021/05/20 13:13:58	Montmorency	Serology	404	43310
2021/05/20 13:13:58	Montmorency	Diagnostic	8382	898585
2021/05/20 13:13:58	Montmorency	Total	8786	941895
2021/05/20 13:13:58	Muskegon	Serology	3772	21732
2021/05/20 13:13:58	Muskegon	Diagnostic	213663	1231019
2021/05/20 13:13:58	Muskegon	Total	217435	1252751
2021/05/20 13:13:58	Newaygo	Diagnostic	46332	945937
2021/05/20 13:13:58	Newaygo	Serology	1747	35668
2021/05/20 13:13:58	Newaygo	Total	48079	981605
2021/05/20 13:13:58	Oakland	Serology	117672	93570
2021/05/20 13:13:58	Oakland	Diagnostic	1440509	1145457
2021/05/20 13:13:58	Oakland	Total	1558181	1239027
2021/05/20 13:13:58	Oceana	Serology	905	34194
2021/05/20 13:13:58	Oceana	Diagnostic	36016	1360789

2021/05/20 13:13:58	Oceana	Total	36921	1394982
2021/05/20 13:13:58	Ogemaw	Diagnostic	19223	915512
2021/05/20 13:13:58	Ogemaw	Serology	597	28433
2021/05/20 13:13:58	Ogemaw	Total	19820	943944
2021/05/20 13:13:58	Ontonagon	Serology	72	12587
2021/05/20 13:13:58	Ontonagon	Diagnostic	7646	1336713
2021/05/20 13:13:58	Ontonagon	Total	7718	1349301
2021/05/20 13:13:58	Osceola	Diagnostic	25385	1082055
2021/05/20 13:13:58	Osceola	Serology	1030	43905
2021/05/20 13:13:58	Osceola	Total	26415	1125959
2021/05/20 13:13:58	Oscoda	Diagnostic	5648	685354
2021/05/20 13:13:58	Oscoda	Serology	385	46718
2021/05/20 13:13:58	Oscoda	Total	6033	732071
2021/05/20 13:13:58	Otsego	Diagnostic	22779	923423
2021/05/20 13:13:58	Otsego	Serology	982	39809
2021/05/20 13:13:58	Otsego	Total	23761	963232
2021/05/20 13:13:58	Ottawa	Serology	14911	51095
2021/05/20 13:13:58	Ottawa	Diagnostic	385768	1321893
2021/05/20 13:13:58	Ottawa	Total	400679	1372988
2021/05/20 13:13:58	Presque Isle	Diagnostic	10967	870950
2021/05/20 13:13:58	Presque Isle	Serology	560	44473
2021/05/20 13:13:58	Presque Isle	Total	11527	915422
2021/05/20 13:13:58	Roscommon	Serology	726	30226
2021/05/20 13:13:58	Roscommon	Diagnostic	19924	829510
2021/05/20 13:13:58	Roscommon	Total	20650	859736
2021/05/20 13:13:58	Saginaw	Diagnostic	255035	1338492
2021/05/20 13:13:58	Saginaw	Serology	9715	50987
2021/05/20 13:13:58	Saginaw	Total	264750	1389479
2021/05/20 13:13:58	Sanilac	Serology	1468	35657
2021/05/20 13:13:58	Sanilac	Diagnostic	51558	1252320
2021/05/20 13:13:58	Sanilac	Total	53026	1287977
2021/05/20 13:13:58	Schoolcraft	Serology	65	8031
2021/05/20 13:13:58	Schoolcraft	Diagnostic	6335	782679
2021/05/20 13:13:58	Schoolcraft	Total	6400	790709
2021/05/20 13:13:58	Shiawassee	Serology	2635	38681
2021/05/20 13:13:58	Shiawassee	Diagnostic	71244	1045830
2021/05/20 13:13:58	Shiawassee	Total	73879	1084510
2021/05/20 13:13:58	St Clair	Diagnostic	150334	944736
2021/05/20 13:13:58	St Clair	Serology	8535	53636
2021/05/20 13:13:58	St Clair	Total	158869	998372
2021/05/20 13:13:58	St Joseph	Diagnostic	58016	951644
2021/05/20 13:13:58	St Joseph	Serology	1667	27344
2021/05/20 13:13:58	St Joseph	Total	59683	978988
2021/05/20 13:13:58	Tuscola	Serology	2270	43449
2021/05/20 13:13:58	Tuscola	Diagnostic	63683	1218930
2021/05/20 13:13:58	Tuscola	Total	65953	1262379
2021/05/20 13:13:58	Unknown	Serology	26843	
2021/05/20 13:13:58	Unknown	Diagnostic	561680	
2021/05/20 13:13:58	Unknown	Total	588523	
2021/05/20 13:13:58	Van Buren	Diagnostic	96459	1274614

2021/05/20 13:13:58	Van Buren	Serology	1778	23495
2021/05/20 13:13:58	Van Buren	Total	98237	1298109
2021/05/20 13:13:58	Washtenaw	Diagnostic	749087	2037772
2021/05/20 13:13:58	Washtenaw	Serology	18035	49061
2021/05/20 13:13:58	Washtenaw	Total	767122	2086833
2021/05/20 13:13:58	Wayne	Diagnostic	1436161	1301092
2021/05/20 13:13:58	Wayne	Serology	78251	70892
2021/05/20 13:13:58	Wayne	Total	1514412	1371984
2021/05/20 13:13:58	Wexford	Serology	1310	38952
2021/05/20 13:13:58	Wexford	Diagnostic	30981	921204
2021/05/20 13:13:58	Wexford	Total	32291	960156

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-05-20

MessageDate	COUNTY	Negative	Positive	Total
5/19/2021	Alcona	18	3	21
5/19/2021	Alger	11	0	11
5/19/2021	Allegan	189	18	207
5/19/2021	Alpena	51	8	59
5/19/2021	Antrim	21	3	24
5/19/2021	Arenac	67	9	76
5/19/2021	Baraga	7	0	7
5/19/2021	Barry	88	9	97
5/19/2021	Bay	591	51	642
5/19/2021	Benzie	15	0	15
5/19/2021	Berrien	282	26	308
5/19/2021	Branch	73	9	82
5/19/2021	Calhoun	282	33	315
5/19/2021	Cass	75	3	78
5/19/2021	Charlevoix	48	2	50
5/19/2021	Cheboygan	57	5	62
5/19/2021	Chippewa	68	2	70
5/19/2021	Clare	47	2	49
5/19/2021	Clinton	106	6	112
5/19/2021	Correctional	6679	9	6688
5/19/2021	Crawford	15	3	18
5/19/2021	Delta	82	3	85
5/19/2021	Detroit City	2239	140	2379
5/19/2021	Dickinson	42	0	42
5/19/2021	Eaton	276	20	296
5/19/2021	Emmet	132	11	143
5/19/2021	Genesee	821	62	883
5/19/2021	Gladwin	60	5	65
5/19/2021	Gogebic	16	2	18
5/19/2021	Grand Traverse	138	6	144
5/19/2021	Gratiot	95	14	109
5/19/2021	Hillsdale	94	8	102
5/19/2021	Houghton	125	6	131
5/19/2021	Huron	257	29	286
5/19/2021	Ingham	711	30	741
5/19/2021	Ionia	115	15	130
5/19/2021	Iosco	74	10	84
5/19/2021	Iron	17	1	18
5/19/2021	Isabella	174	11	185
5/19/2021	Jackson	505	31	536
5/19/2021	Kalamazoo	442	36	478
5/19/2021	Kalkaska	26	2	28
5/19/2021	Kent	1641	134	1775
5/19/2021	Keweenaw	7	0	7
5/19/2021	Lake	26	2	28
5/19/2021	Lapeer	141	19	160
5/19/2021	Leelanau	17	0	17

5/19/2021	Lenawee	322	25	347
5/19/2021	Livingston	433	20	453
5/19/2021	Luce	22	9	31
5/19/2021	Mackinac	35	3	38
5/19/2021	Macomb	1815	154	1969
5/19/2021	Manistee	36	0	36
5/19/2021	Marquette	338	8	346
5/19/2021	Mason	49	2	51
5/19/2021	Mecosta	48	6	54
5/19/2021	Menominee	57	1	58
5/19/2021	Midland	180	20	200
5/19/2021	Missaukee	26	2	28
5/19/2021	Monroe	276	20	296
5/19/2021	Montcalm	115	17	132
5/19/2021	Montmorency	42	7	49
5/19/2021	Muskegon	413	53	466
5/19/2021	Newaygo	79	15	94
5/19/2021	Oakland	3181	154	3335
5/19/2021	Oceana	40	6	46
5/19/2021	Ogemaw	54	4	58
5/19/2021	Ontonagon	15	1	16
5/19/2021	Osceola	48	3	51
5/19/2021	Oscoda	8	4	12
5/19/2021	Otsego	90	3	93
5/19/2021	Ottawa	636	62	698
5/19/2021	Presque Isle	40	8	48
5/19/2021	Roscommon	29	2	31
5/19/2021	Saginaw	2337	221	2558
5/19/2021	Sanilac	146	11	157
5/19/2021	Schoolcraft	6	1	7
5/19/2021	Shiawassee	151	11	162
5/19/2021	St Clair	246	20	266
5/19/2021	St Joseph	75	17	92
5/19/2021	Tuscola	669	74	743
5/19/2021	Unknown	761	42	803
5/19/2021	Van Buren	119	16	135
5/19/2021	Washtenaw	1898	40	1938
5/19/2021	Wayne	3168	176	3344
5/19/2021	Wexford	56	3	59